2024 IEEE INTERNATIONAL SYMPOSIUM ON ELECTROMAGNETIC COMPATIBILITY, SIGNAL & POWER INTEGRITY




# CLAYTON R. PAUL GLOBAL UNIVERSITY

## AUGUST 6-8, 2024

**Advance your EMC knowledge and career with in-depth classes on EMC at the IEEE EMC Society's premier educational event.**

The first Global University took place at the 2007 International Symposium on EMC in Honolulu, Hawaii. Janet O'Neil, the symposium chair, was looking for events to help encourage people relatively new to EMC to come to the symposium. Dr. Clayton Paul proposed a series of courses taught by internationally recognized EMC instructors from around the world. Together, they organized an event they named "Global University" consisting of ten, two-hour courses that ran throughout the symposium week. The event proved to be very popular and has been a fixture at every EMC symposium since then.

In the early years, the name of the event changed from Global University to Global EMC University to Global EMC & SI University, as the topics and the nature of instruction evolved. However, in 2013 the IEEE EMC Society Education Committee determined that the membership was best served by Global University as it was originally envisioned and organized by Dr. Paul. The committee established strict standards for both the topics and instructors to ensure a high-quality educational experience. They also renamed the event "Clayton R. Paul Global University."

The topics for this year's Global University are those that have been proven to be valuable to participants in previous symposia. The event for this year will provide the attendees with a great learning experience, due to the ability for interaction between instructors and attendees, as well as providing networking among attendees.

This year's Global University will truly be an event that honors Dr. Paul's efforts and dedication to the EMC Society as well as maintains his high standards in providing EMC educational opportunities!

*Please see the symposium website using the QR Code provided to view the registration fees, presentation abstracts, and instructor biographies. Note the course size is LIMITED to ensure interaction between the attendees and the instructors. Seats will be available on a first-come, first-served basis.*

## TUESDAY, AUGUST 6

| TIME | TOPIC | PRESENTER/INSTRUCTOR |
|---|---|---|
| 7:45 – 8:00 | Registration and Instructions | CRPGU Introduction |
| 8:00 – 10:00 | Signal Spectra | **Dr. Flavia Grassi** *(Politecnico Milano)* |
| 10:00 – 10:30 | Break | |
| 10:30 – 12:00 | Non-Ideal Behavior of Components | **Dr. Anne Roc'h** *(Eindhoven University of Technology)* |
| 12:00 – 1:00 | Lunch | |
| 1:00 - 3:00 | Radiated Emissions | **Lee Hill** *(SILENT Solutions LLC & GmbH)* |
| 3:00 – 3:30 | Break | |
| 3:30 – 5:15 | Conducted Emissions | **Prof. Dr. Arturo Mediano** *(University of Zaragoza)* |
| 5:15 – 5:30 | Evaluation/Closure of the day | |

## WEDNESDAY, AUGUST 7

| TIME | TOPIC | PRESENTER/INSTRUCTOR |
|---|---|---|
| 8:00 – 10:00 | Electrostatic Discharge | **Dr. Todd Hubing** *(Clemson University)* |
| 10:00 – 10:30 | Break | |
| 10:30 – 12:00 | PCB Design for EMC | **Dr. Bruce Archambeault** *(Missouri University of Science & Technology)* |
| 12:00 – 1:00 | Lunch | |
| 1:00 – 3:00 | Shielding | **Dr. Frank Leferink** *(University of Twente)* |
| 3:00 - 3:30 | Break | |
| 3:30 - 5:15 | Crosstalk | **Dr. Daryl G. Beetner** *(Missouri University of Science & Technology)* |
| 5:15 – 5:30 | Evaluation/Closure of the day | |

## THURSDAY, AUGUST 8

| TIME | TOPIC | PRESENTER/INSTRUCTOR |
|---|---|---|
| 8:00 – 10:00 | Signal Integrity | **John Golding** *(Siemens EDA)* |
| 10:00 – 10:30 | Break | |
| 10:30 – 12:00 | Power Integrity | **Dan Chirpich** *(AppliedLogix, LLC)* |
| 12:00 – 12:15 | Evaluation/Closure of the CRPGU | |



**CHAIR:**
Dr. Arturo Mediano
*Professor, I3A, University of Zaragoza, Founder The HF Magic Lab, IEEE Senior Member. Chair EMC-S Spain Chapter. Past Chair MTT-S MTT-17 Committee.*

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